

SEQUENCE LISTING



<110> Crofts, Linda Anne
Hancock, Manuela S.
Morrison, Nigel A.
Eisman, John A.

<120> Isoforms of the Human Vitamin D Receptor

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<140> 09/509,482
<141> 2000-09-15

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<151> 1998-09-29

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<213> Homo sapiens

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<212> PRT

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Pro	His	Arg	Arg	Ala	Pro	Leu	Gly	Ser	Thr	Tyr	Leu	Pro	Pro	Ala	Pro
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Tyr	Asp	Pro	Thr	Tyr	Ser	Asp	Phe	Cys	Gln	Phe	Arg	Pro	Pro	Val	Arg
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Val	Asn	Asp	Gly	Gly	Gly	Ser	His	Pro	Ser	Arg	Pro	Asn	Ser	Arg	His
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Ile	Thr	Ser	Ser	Asp	Met	Met	Asp	Ser	Ser	Ser	Phe	Ser	Asn	Leu	Asp
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Leu	Ser	Glu	Glu	Asp	Ser	Asp	Asp	Pro	Ser	Val	Thr	Leu	Glu	Leu	Ser
			260				265			270					
Gln	Leu	Ser	Met	Leu	Pro	His	Leu	Ala	Asp	Leu	Val	Ser	Tyr	Ser	Ile
			275				280			285					
Gln	Lys	Val	Ile	Gly	Phe	Ala	Lys	Met	Ile	Pro	Gly	Phe	Arg	Asp	Leu
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 Ala Gly His Ser Leu Glu Leu Ile Glu Pro Leu Ile Lys Phe Gln Val
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 Gly Leu Lys Lys Leu Asn Leu His Glu Glu His Val Leu Leu Met
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 <213> Homo sapiens

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 Val Cys Gly Asp Arg Ala Thr Gly Phe His Phe Asn Ala Met Thr Cys
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 Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser Met Lys Arg Lys Ala Leu
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 Phe Thr Cys Pro Phe Asn Gly Asp Cys Arg Ile Thr Lys Asp Asn Arg
 85 90 95
 Arg His Cys Gln Ala Cys Arg Leu Lys Arg Cys Val Asp Ile Gly Met
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 Met Lys Glu Phe Ile Leu Thr Asp Glu Glu Val Gln Arg Lys Arg Glu
 115 120 125
 Met Ile Leu Lys Arg Lys Glu Glu Ala Leu Lys Asp Ser Leu Arg
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 Pro Lys Leu Ser Glu Glu Gln Gln Arg Ile Ile Ala Ile Leu Leu Asp
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 Ala His His Lys Thr Tyr Asp Pro Thr Tyr Ser Asp Phe Cys Gln Phe
 165 170 175
 Arg Pro Pro Val Arg Val Asn Asp Gly Gly Ser His Pro Ser Arg
 180 185 190
 Pro Asn Ser Arg His Thr Pro Ser Phe Ser Gly Asp Ser Ser Ser Ser
 195 200 205
 Cys Ser Asp His Cys Ile Thr Ser Ser Asp Met Met Asp Ser Ser Ser
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 Phe Ser Asn Leu Asp Leu Ser Glu Glu Asp Ser Asp Asp Pro Ser Val
 225 230 235 240

Thr Leu Glu Leu Ser Gln Leu Ser Met Leu Pro His Leu Ala Asp Leu
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 Val Ser Tyr Ser Ile Gln Lys Val Ile Gly Phe Ala Lys Met Ile Pro
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 Gly Phe Arg Asp Leu Thr Ser Glu Asp Gln Ile Val Leu Leu Lys Ser
 275 280 285
 Ser Ala Ile Glu Val Ile Met Leu Arg Ser Asn Glu Ser Phe Thr Met
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 Asp Asp Met Ser Trp Thr Cys Gly Asn Gln Asp Tyr Lys Tyr Arg Val
 305 310 315 320
 Ser Asp Val Thr Lys Ala Gly His Ser Leu Glu Leu Ile Glu Pro Leu
 325 330 335
 Ile Lys Phe Gln Val Gly Leu Lys Lys Leu Asn Leu His Glu Glu Glu
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 His Val Leu Leu Met Ala Ile Cys Ile Val Ser Pro Asp Arg Pro Gly
 355 360 365
 Val Gln Asp Ala Ala Leu Ile Glu Ala Ile Gln Asp Arg Leu Ser Asn
 370 375 380
 Thr Leu Gln Thr Tyr Ile Arg Cys Arg His Pro Pro Pro Gly Ser His
 385 390 395 400
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 Asn Glu Glu His Ser Lys Gln Tyr Arg Cys Leu Ser Phe Gln Pro Glu
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 <212> PRT
 <213> Homo sapiens

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 Glu Glu Ala 115 Leu Lys Asp Ser 120 Leu Arg Pro Lys Leu Ser Glu Glu Gln 125
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 Pro Thr Tyr Ser 145 Asp Phe Cys 150 Gln Phe Arg Pro Pro Val Arg Val Asn 155 160
 Asp Gly 165 Gly Ser His Pro Ser Arg Pro Asn Ser Arg His Thr Pro 170 175
 Ser Phe Ser 180 Gly Asp Ser Ser Ser Cys Ser Asp His Cys Ile Thr 185 190
 Ser Ser Asp 195 Met Met Asp Ser Ser Ser Phe Ser Asn Leu Asp Leu Ser 200 205
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 Val Ile Gly 245 Phe Ala Lys Met Ile Pro Gly Phe Arg Asp Leu Thr Ser 250 255
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 His Ser Leu Glu 305 Leu Ile Glu Pro Leu Ile Lys Phe Gln Val Gly Leu 310 315 320
 Lys Lys Leu Asn 325 Leu His Glu Glu His Val Leu Leu Met Ala Ile 330 335
 Cys Ile Val 340 Ser Pro Asp Arg Pro Gly Val Gln Asp Ala Ala Leu Ile 345 350
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 Cys Arg His 370 Pro Pro Pro Gly Ser His Leu Leu Tyr Ala Lys Met Ile 375 380
 Gln Lys Leu Ala 385 Asp Leu Arg Ser Leu Asn Glu Glu His Ser Lys Gln 390 395 400
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Ser Gly Met Glu Ala Met Ala Ala Ser Thr Ser Leu Pro Asp Pro Gly
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<212> PRT
<213> Homo sapiens

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<210> 17
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<212> DNA

<213> Homo sapiens

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<211> 22

<212> PRT

<213> Homo sapiens

<400> 21

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Arg Thr Ala Gly Val Glu
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